



Department of Transportation Division of Highway & Bridge Maintenance 360 Lincoln Avenue Warwick, RI 02888-3030

SNOW PLOWING SERVICES NOTICE TO CONTRACTORS

The Rhode Island Department of Transportation is accepting applications from private contractors to assist with winter operations on State highways.

Rates vary based upon vehicle weight, equipment and accessories.

INCENTIVES

10% EARLY REGISTRATION by Friday, November 3, 2017 5% EARLY REGISTRATION by Friday, November 17, 2017 20% GREEN EQUIPMENT INCENTIVE for trucks equipped with AVL/GPS Closed Loop Spreader Controls

Please visit our website to obtain the *Winter Vendor Registration Package* including a complete list of equipment and accessory rates, incentive bonus instructions and forms to be used for the 2017-2018 winter season.

www.dot.ri.gov

For more information please call (401) 734-4830 Monday – Friday, 8:30 a.m. – 4:00 p.m.

The State of Rhode Island is an Equal Opportunity Employer

Pursuant to Title VI of the Civil Rights Act of 1964, 42 U.S.C. §§ 2000d - 2000d-4 and 49 C.F.R. Part 21, the RI Department of Transportation hereby notifies all applicants that it will affirmatively insure that Disadvantaged Business Enterprises will be afforded full opportunity to respond to this advertisement and will not be discriminated against on the grounds of race, color, sex, national origin, age, or disability in consideration for an award.



Department of Transportation Division of Highway and Bridge Maintenance 360 Lincoln Avenue Warwick, RI 02888

September 7, 2017

Attention: Interested Suppliers of Snow/Ice Control Services

Subject:

Registration Materials for 2017-2018 Winter Season

Including Rate and Incentive Information

Dear Madam or Sir:

The Rhode Island Department of Transportation is now seeking qualified and interested snow and ice professionals to assist with our statewide operations for the winter of 2017-2018. As we prepare for the upcoming season we want to continue to bring attention to the ongoing initiative of employing closed loop material spreading systems.

For the past two winter seasons RIDOT has offered a significant incentive for vendors who outfit their equipment* with spreader controls that incorporate GPS and wireless technologies. This incentive remains available for this season. As we move our snow and ice operations forward this may become a requirement and other financing or rebate programs may be offered and the Department will continue to keep the vendor community updated to any further developments.

(* - GVW greater than 16,000 pounds and spreader greater than 3.0 cubic yards.)

Salt Brine

Starting in 2013, RIDOT began using salt brine for anti-icing and pre-wetting applications. Currently, there is one brine production unit at our Midstate Facility in East Greenwich which can produce approximately 5,000 gallons per hour. With salt brine storage available at most of the District Highway Maintenance Facilities, the Department will be working to expand our production abilities in the coming years. Consequently, we will continue to have a need for vendors who possess brine application capabilities as well as hauling services between storage sites.

Snow & Ice Operations Training

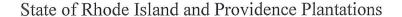
In order to continue to provide the high level of service that Rhode Islanders have come to expect of our snow and ice operations, we must all continue to train and educate ourselves about the industry standards and new technologies. A great source of information and recommended reading for all snow and ice professionals is the Snowfighters Handbook.

If you have not previously provided snow removal services to RIDOT, you are encouraged to submit the required registration material as early as possible in order to have the contractor approval process completed before the commencement of winter operations.

The 2017-2018 registration package and application are available at all RIDOT Maintenance Facilities and Headquarters. You may also find the information and an electronic version of the application on the Department's website www.dot.ri.gov.

Should you have any questions regarding this registration process, please contact our Business Office at (401) 734-4830. We look forward to working with you toward the common goal of providing safe highway conditions for the Rhode Island motoring public.

State Highway Maintenance Operations Engineer





Department of Transportation Division of Highway & Bridge Maintenance 360 Lincoln Avenue Warwick, RI 02888-3030

Incentives

Eligibility for compensation arrangements is as follows:

10% Early Sign-Up Incentive

Properly completed, original, notarized E-Form and <u>all</u> necessary documentation shall be submitted to and received by the RIDOT Division of Highway & Bridge Maintenance as described in the enclosed instruction by 4:00PM on Friday, November 3, 2017.

5% Early Sign-Up Incentive:

Properly completed, original, notarized E-Form and <u>all</u> necessary documentation shall be submitted to and received by the RIDOT Division of Highway & Bridge Maintenance as described in the enclosed instruction by 4:00PM on Friday, November 17, 2017.

20% Green Equipment Incentive

- 1. Properly installed and operational AVL/GPS closed loop spreader control systems which allow for reporting of solid material (sand, salt and/or mix) in a printable format will be eligible. The equipment shall be acceptable to RIDOT in order to be eligible for this incentive. This bonus is only applicable to vehicles which exceed a GVW of 16,000 pounds and have a spreader larger than 3.0 cubic yards.
- 2. This bonus shall be added upon acceptance and approval by RIDOT and will be in effect for the remainder of the winter season.
- 3. RIDOT will maintain a preferred vendor call-in list for trucks which are equipped with an acceptable closed loop spreader control system.
- 4. The closed loop systems will have data logging capabilities and shall include at a minimum, but not limited to, the following data: Pounds or Tons of Material Applied, Types of Material, Gallons of Liquid Dispensed, Miles Traveled, Location of Dispensed Material, Lane Miles Applied, Time of Application, and Application Rates.

The incentive for each inspected vehicle will remain in effect as long as the vehicle is <u>ready when called</u>. Vendors must reliably and consistently respond to calls for work from the Division of Highway & Bridge Maintenance in a timely manner throughout the winter season. If at any time the vehicle is not available, it will lose its incentive, and possibly subsequent work assignments, for the remainder of the winter season. Should there be extraordinary or extenuating circumstances, the vendor shall demonstrate this in correspondence directed to the Highway & Bridge Maintenance Division Administrator, whose management staff will determine whether to accept or reject such documentation. The decision of the Administrator will be final.

State of Rhode Island and Providence Plantations



Department of Transportation Division of Highway & Bridge Maintenance 360 Lincoln Avenue Warwick, RI 02888-3030

Inspections

- 1. All vehicles and related equipment/accessories shall be inspected prior to participating in the 2017-2018 winter season.
- 2. Each vehicle and related equipment/accessories shall pass an inspection by an authorized RIDOT designee at a local RIDOT Maintenance Facility. Vendors shall contact the facilities listed below in order to schedule an appointment. Inspections may be scheduled to take place Monday through Friday between the hours of 7:00AM 2:00PM, with no inspections occurring on designated State holidays (Columbus Day, October 9; Veterans' Day, November 13; Thanksgiving Day, November 23; Christmas Day, December 25).
- 3. At the time of inspection, the owner shall provide the RIDOT representative with an approved Certificate of Spreader Calibration/Calibration Chart (for conventional spreaders) or the Closed Loop Ground Speed Control System Calibration and Data Verification Form (Attachment I, for closed loop control systems). These forms shall be completed PRIOR to the RIDOT inspection and submitted to the RIDOT representative at the time of inspection.
- **4.** Upon successful inspection, the RIDOT representative will approve the RIDOT Equipment Inspection Form and return it to the owner. This form shall then be included with the rest of the application package.

Facility	Address	Telephone Number
Belleville	439 Tower Hill Road, North Kingstown	(401) 294-9613
East Providence	691 Warren Avenue, East Providence	(401) 431-5401
Glocester	648 Putnam Pike, Glocester	(401) 568-5373
Hope Valley	51 Bank Street, Hopkinton	(401) 539-2991
Midstate	2400 New London Avenue, East Greenwich	(401) 826-0573
Smithfield	395 George Washington Hwy., Smithfield	(401) 231-4502
Portsmouth	171 Anthony Road, Portsmouth	(401) 683-1070

	2017-2018 (FY2018)									
		Hourly Rates for Hired Equipment								
Code	Equipment	Gross Weight Per Vehicle Registration	Hourly Base Rate	FY2018 Rates With Approved Green Equipment Incentive						
10000	Truck	5,500 - 8,500 GVW ¹	\$46.55	-						
20000	Truck	8,501 - 10,999 GVW	\$51.45	-						
30000	Truck	11,000 - 16,000 GVW	\$55.13	-						
40000	Truck	16,001 - 27,000 GVW	\$61.25	\$73.50						
50000	Truck	27,001 - 36,000 GVW	\$72.28	\$86.73						
60000	Truck	36,001 - 45,000 GVW	\$75.95	\$91.14						
70000	Truck	45,001 - 59,000 GVW	\$82.08	\$98.49						
80000	Truck	59,001 GVW or Greater	\$86.98	\$104.37						
90000	Front End Loader	2.5 CY - 3.9 CY	\$112.70	-						
100000	Front End Loader	4.0 CY - 5.9 CY	\$126.18	-						
110000	Front End Loader	6.0 Cubic Yards or Greater	\$140.88	×-						
120000	Excavator, Hydraulic	Bucket Capacity 1.0 - 2.5 CY	\$79.63	-						

Add the following amounts to equipment rates for these accessories:

				FY2018 Rates
				With Approved
Code		Accessory	Add On	Green Equipment
				Incentive
01		Drive (Only for Codes 10000 - 80000)	\$8.58	-
10	Gro	ound Speed Oriented Controls ²	\$9.80	
		Plows		
100		Less than 9.0 Feet	\$4.90	
200		9.0 Feet - 9.9 Feet	\$6.13	-
300		10.0 Feet - 10.9 Feet	\$8.58	-
400		11.0 Feet or Greater	\$11.03	-
500		Power Reversible Plow	\$2.45	-
600		Single Wing Plow buble Wing Plow Combination	\$24.50	-
700		\$42.88	-	
		Spreaders/Liquid Chemical Trucks ³		
1000		Less Than 3.0 Cubic Yards	\$8.58	-
2000		3.0 CY - 5.9 CY	\$14.70	\$17.64
3000		6.0 CY - 9.9 CY	\$20.83	\$24.99
4000		10.0 CY - 13.9 CY	\$24.50	\$29.40
5000		14.0 CY or Greater	\$28.18	\$33.81
6000		9.9 CY with 150 Gallon Saddle Tanks	\$30.63	\$36.76
7000		13.9 CY with 150 Gallon Saddle Tanks	\$42.88	\$51.46
7500		Greater with 150 Gallon Saddle Tanks	\$49.32	\$59.18
8000		Liquid Tanker*, Capable of Applying 2 Lanes	\$22.05	\$26.46
9000	1000 Gallon or Grea	ter Liquid Tanker*, Capable of Applying 2 Lanes	\$34.30	\$41.16
	Addit	ional Vehicle/Equipment Codes		
Code	40 10/1	40 Miles of December 1 leading	670.00	
200000	10 Wheel Dump	10 Wheel Dump - Hauling	\$79.63	-
210000	Tri-Axle Dump	Tri-Axle Dump - Hauling	\$85.75	-
220000	Trailer Dump	Trailer Dump - Hauling	\$91.88	
230000	Tanker	5000 Gallon or greater - Hauling	\$89.00	-
300000		ombardier with Snow Blower	\$80.00	-
310000		eat with Snow Blower Attachment	\$110.00	
320000		lighway Snow Blower - motorized 6'	\$200.00	
330000		Highway Snow Blower - motorized 7'	\$240.00	-
340000	l argo F	lighway Snow Blower - motorized 8'	\$280.00	-
350000		Motorized Highway Snow Blower Attachment	\$350.00	-
00000		ecialized Labor/Crew Codes	2000.00	
		Persons, Pick-Up Truck (10000 Vehicle Code),	4.2	
400000		wer, Shovels and other ancillary tools.	\$150.00	-
		Persons, Pick-Up Truck (30000 Vehicle Code with		
410000		cat w/ Snow Blower Attachment, Snow Blower,	\$245.00	:=:
		ovels and other ancillary tools.		
		d Laborer w/ Walk Behind Snow Blower (Proof of	***	
420000		quired for each laborer required at sign-up)	\$80.00	-
		ety Certified Laborers w/ One (1) Walk Behind		
430000		of Amtrak certification required for each laborer	\$130.00	-
	required at sign-up)	20 V 10-00 20 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(B) () () (E 1 E 1 E 1	
1 - This siz		must have All-Wheel Drive.		L

¹ - This size vehicle (Code 10000) must have All-Wheel Drive.

² - You must annually provide an original certificate of calibration showing that this spreader has been calibrated for the truck on which it will be used. The Department will perform periodic inspections for proper application rate. Payment will not include this code unless the spreader is calibrated.

³ - Manufacturer's water level capacity of body without side boards. Body type spreaders shall be capable of applying various materials at various spreading rates.

^{* -} Tanker trucks shall be equipped to properly haul and apply salt brine at RIDOT specified application rates based on gallons per lane mile. Trucks shall be equipped with ground speed oriented controls.

State of Rhode Island and Providence Plantations



Department of Transportation Division of Highway & Bridge Maintenance 360 Lincoln Avenue Warwick, RI 02888

Winter Vendor Registration Materials Owner/Vendor Agreement

(I-Form) 2017-2018 Version

Conditions Covering Compensation

- 1. Hired equipment shall be required to punch a timecard in and out of the facility reported to. Compensated time shall begin only when the hired equipment is on State time designated by the timecard. In instances where the vendor is advised by the Department to report directly to the stockpile, his/her equipment may be "punched-in" by the clerk at the hiring facility when contacted by the operator or foreman at the stockpile. No compensatory time is allowed for the attachment or detachment of plowing equipment, travel, standby, breakdown, or meals.
- 2. Hired equipment shall meet or exceed minimum safety standards. Safety lighting on all hired equipment shall conform to all State and Federal requirements. The Department reserves the right to refuse the use of a piece of hired equipment if, in the opinion of the supervisor, the equipment is not able to do the job required. To qualify for approval your vehicle(s) shall pass a pre-season inspection with all equipment attached. The vendor shall contact one of the Department's Maintenance Facilities to schedule this inspection.
- 3. To ensure adequate response, all vehicles shall be equipped with a mobile telephone. The contact information for each vehicle shall be supplied on the E-Form provided.
- 4. All vendors and operators are required to follow RIDOT's instructions pertaining to snow and ice operations and only plow and apply materials along designated roadways. Failure to comply with RIDOT's instructions and conditions shall be documented and may result in suspension or termination of this Agreement.
- 5. It is strongly recommended that spreaders be equipped with automated synchronization (ground speed control) and adjustable controls in the cab of the truck.
- 6. All rates in this Agreement include the equipment, accessories, licensed qualified operators and operating costs, including but not limited to, insurance, registration fees, maintenance, repairs and fuel. All equipment shall arrive with fuel, in good working condition, and with all reimbursable accessories functioning properly at the start of each event.
- 7. In compliance with Title VI of the Civil Rights Act of 1964 and the Department's Title VI/Nondiscrimination Program, no person shall, on the grounds of race, color, sex, national origin, age, or disability, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination.
- 8. Acceptable closed loop spreader control systems shall be fully calibrated, ground speed oriented devices with AVL/GPS, and provide the ability of reporting material application rates in pounds per lane mile in time increments of five minutes or less. RIDOT shall have full access to the reports whether via an internet connection or be provided with printable reports upon submittal of time cards at the end of each event. Calibrated application rates shall range from 50 500 pounds per lane mile, with the average rate of application of straight salt averaging between 200 250 pounds per lane mile.

Re: Winter Vendor Registration Materials

Date: September 7, 2017

Page: 2 of 4

9. Trucks equipped with accepted, operational, and properly calibrated (properly documented on Attachment I of this package) closed loop spreader control systems will be placed on a "preferred call-in" list. These trucks will be amongst the first tier of equipment utilized by RIDOT as part of its winter operations.

10. In order to reduce the amount of snow and ice pushed off of bridges onto the roadways or railroad tracks below, all snow and ice vendors shall use extreme caution and reduced speed when plowing across overpasses.

Global Positioning System (GPS)

RIDOT, at its discretion, may issue GPS equipment to a Vendor. The GPS system will be utilized as a way to increase safety, track vehicle location and redeploy or dispatch equipment. RIDOT will not use the GPS as a method of payment unless requested by the Vendor to verify time and location.

Upon issuance of said GPS equipment, RIDOT shall further provide, under separate agreement to the Vendor the terms and conditions on the operational use and maintenance responsibility for said GPS equipment. The GPS Agreement shall be incorporated into and made part of this agreement.

The following forms shall be completed by the Owner and submitted to the Department

- 1. The E-Form, listing equipment and accessories that are available for hire by the State of Rhode Island, using the codes and rates found on the R-Form. The Owner shall sign the E-Form and have his/her signature notarized. The original E-Form shall be submitted to the Department for its use.
- 2. Enclose copies of valid registrations for vehicles.
- 3. Enclose copies of bills of sale, titles or other proof of ownership for non-registered equipment.
- 4. Enclose a valid Certificate of Insurance from your insurance company designating:

RI Department of Transportation Highway & Bridge Maintenance Division 360 Lincoln Avenue Warwick, RI 02888

as the holder, and also as Additional Insured. The Certificate of Insurance shall clearly show itemized coverage of commercial insurance coverage for:

- a. General Liability of at least \$1,000,000.00 (One million dollars) for off-road equipment (e.g. loaders, excavators, backhoes)
- b. Auto Liability of at least \$1,000,000.00 (One million dollars) for on-road equipment (e.g. pick-ups, 6-wheelers, 10-wheelers)
- c. Worker's Compensation
- d. Insurance policies must be valid through April 15, 2018.
- 5. The Department shall be notified of any and all changes made involving vehicles and/or accessories and/or changes of address.
- 6. Vendors who do not supply the necessary forms and information will not be eligible for service.

Reporting to Work and Payment Processing

- 1. When a vendor is called to start work, they will be offered a minimum of four (4) hours of work. Their driver shall "punch-in" within one (1) hour of the vendor's receiving the call to report. Failure to report within one (1) hour of call-in will annul the four hour minimum guarantee.
- 2. When a vendor is notified to end work, RIDOT personnel will simultaneously "punch-out" the time card.

Re: Winter Vendor Registration Materials

Date: September 7, 2017

Page: 3 of 4

3. At the end of each event, all vendors and operators are required to return to their designated stockpile and return any unused material, if applicable. Applying excess material onto the roadway as a method of spinning off unused material is not allowed. Failure by a vendor to return all unused material to the State stockpile shall result in financial penalty and prosecution to the fullest extent of the law and termination of this Agreement.

- 4. Timecards will be processed by the Department and its personnel will ensure payments are based upon the approved hourly rates and bonus percentages if applicable.
- 5. Invoices from the vendor will not be necessary.
- 6. In the event the vendor's equipment or accessory breaks down during a storm, its hourly rate will be adjusted to reflect only the working equipment and/or accessories.

Safety Requirements

- 1. Any vendor or operator who must exit their vehicle for an emergency repair, or for any other reason, within the State Highway Right of Way, is required to wear a reflectorized ANSI Class III safety vest while outside their vehicle/equipment.
- 2. All vehicles and equipment utilized through this Agreement shall be equipped with the following minimum safety equipment:
 - a. One six-inch amber flashing light, mounted on the highest practical point of each vehicle. The light must be visible for a distance of 300 feet, during daylight hours, from the front, rear and both sides of the vehicle. Vehicles that have a body or attachment that extends above the head of the cab must mount the lighting on a bracket or other device to extend the lighting above the body or attachment.
- 3. The owner is responsible to ensure that all vehicles conform to applicable USDOT and/or OSHA regulations pertaining to reverse signal alarms and lighting. For more information please refer to:
 - a. 29 CFR 1926.601-602
 - b. RIGL 31-24-31, Flashing Lights Forward Viewing or Rotary Beam Lights
 - c. RIGL 31-24-46: Lights On Snow Removal Equipment
 - d. The Federal Highway Administration has regulations that require employers with drivers of commercial vehicles to have an alcohol and drug-testing program in place. The specific provisions of the regulations are highly detailed and legally complex. RIDOT strongly urges each owner to review the regulations, which are cited as 49 CFR Part 382 (www.fmcsa.dot.gov/rulesregs/fmcsr/regs/382.htm).
- 4. In the event that a vendor or operator is involved in an incident (i.e. accident, collision, etc.), while working for RIDOT, the operator or a representative of the vendor shall notify the District Superintendent immediately (in a safe manner). All incidents shall be reported to the Rhode Island State Police (RISP) so that an Accident Report may be prepared. Following the incident, the operator shall provide RIDOT with a copy of the accident report. Failure to notify the RISP and RIDOT will result in suspension or termination of the Agreement.
- 5. Operators are reminded to wear their safety belt at all times and that texting while driving is prohibited. In addition, the use of a mobile phone should be limited as much as possible while operating.
- 6. Operators shall follow, observe and adhere to all applicable State and Federal laws, rules and regulations.

License, Registration and Insurance Requirements

1. The owner is required to verify the license status of all vehicle or equipment operators and is prohibited from using unlicensed operators in the performance of this Agreement. The owner is

Re: Winter Vendor Registration Materials

Date: September 7, 2017

Page: 4 of 4

further obligated to report the loss, revocation or suspension of any operator's license during the term of this agreement.

- 2. During the term of this Agreement, each owner shall maintain a current vehicle registration for the specified equipment. Passenger vehicle registrations are not allowed on any vehicles listed. Out-of-state registrations are allowed, but they must meet all the requirements of the Rhode Island Division of Motor Vehicles and all other motor vehicle laws. The owner shall promptly forward a copy of any new or revised registration or insurance of listed equipment to the Maintenance District Superintendent.
- 3. The vendor shall be in compliance with the applicable provisions of the State Workers' Compensation Insurance. The owner agrees to accept all responsibility for liabilities incurred by the rented equipment during the term of operations to which it is assigned. The owner further agrees that the Rhode Island Department of Transportation, the Director, his agents, and employees shall be held harmless from any and all claims and actions whatsoever that arise from his/her operations.
- 4. The owner is responsible to ensure that all equipment listed in this Agreement is legally insured as required by all Rhode Island laws and regulations. Owners shall be responsible for damage to private property, including but not limited to: landscaping, mailboxes, windshields, etc.
- 5. If you have not previously provided snow removal services to RIDOT, you are encouraged to submit the required registration material as early as possible in order to have the contractor approval process completed before the commencement of winter operations.

ATTACHMENT I

Closed Loop Ground Speed Control System Calibration and Data Verification Form

Depot:	Date:	
Contractor's Name:		
	Vehicle Information	
Equipment No.		
Registration No.	Year:	
Make:	Model:	
	Spreader Equipment	
Make:		
Model/Serial No.:		
Clo	osed Loop Ground Speed Control System	
Make:		
Model/Serial No.:	Gate Opening:	

All vehicles must be capable of consistently dispensing highway-deicing materials at the application rates dictated by the RIDOT's Policy and Procedures relative to Snow and Ice Operations. RIDOT shall require the transfer of the data gathered by having a closed loop ground speed control system. This information may be transferred by either electronic download or paper print-out at the contractor's discretion at the end of each event. The closed loop systems will have data logging capabilities and shall include at a minimum, but not be limited to, the following data: Pounds or Tons of Material Applied, Types of Material, Gallons of Liquid Dispensed, Miles Traveled, Location of Dispensed Material, Lane Miles Applied, Time of Application, Application Rates. The information shall be provided (by the Vendor) to the timekeeper or other RIDOT representative at the Depot. All pre-wetting systems shall be equipped with a flow meter to accurately dispense deicing chemical. All information gathered shall remain the property of RIDOT and shall be used at its discretion. Failure to provide the required documentation with the time card at the end of each storm will result in a deduction in the hourly rate of compensation equal to the hourly value of the closed loop system.



State of Rhode Island and Providence Plantations

Department of Transportation

Division of Highway & Bridge Maintenance 360 Lincoln Avenue Warwick, RI 02888-3030

RIDOT Equipment Inspection Form

			To be comp	to be completed by owner.	er:			
Name:					Phone No.:			
Address:		٠			City/Town:			
		To be c	To be completed by authorized RIDOT representative:	rized RIDO	T representative:			
Class Code	Accessory Code(s)		Make	Year	Registration No.	Valid Registration Valid Insurance	Valid Inspection Sticker Certificate of Spreader Cal	Cell Phone No.
I hereby certify tha	I hereby certify that I, or my designee, have interviewed the Owner/Contractor stated above, and inspected the equipment described on the attached Vendor Registration	ed the Owner/C	Contractor stated ab	oove, and insp	pected the equipment d	sscribed on the	attached Ver	dor Registration
Application page(s	Application page(s). Therefore, to the best of my knowledge, all required submittals and conditions of this agreement have been met and I recommend approval for assignment as determined by the Rhode Island Department of Transportation.	owledge, all rec insportation.	juired submittals ar	nd conditions	of this agreement have	been met and I	recommend	approval for assignment
Owner's Signature Date:		District Mai Date:	District Maintenance Superintendent Date:	ındent		Chief Highway Maintenance Date:	y Maintenand	9:
Original to Business Office	ss Office Copy to Facility	Copy to Vendor	ıdor					

FORM W-9 REV 8/15

Or Email To:

doa.pursuppliercoordinator@purchasing.ri.gov

STATE OF RHODE ISLAND FORM W-9 PAYER'S REQUEST FOR TAXPAYER IDENTIFICATION NUMBER AND CERTIFICATION



THE IRS REQUIRES THAT YOU FURNISH YOUR TAXPAYER IDENTIFICATION NUMBER TO US. FAILURE TO PROVIDE THIS INFORMATION CAN RESULT IN A \$50 PENALTY BY THE IRS. IF YOU ARE AN INDIVIDUAL, PLEASE PROVIDE US WITH YOUR SOCIAL SECURITY NUMBER (SSN) IN THE SPACE INDICATED BELOW. IF YOU ARE A COMPANY OR A CORPORATION, PLEASE PROVIDE US WITH YOUR EMPLOYER IDENTIFICATION NUMBER (EIN) WHERE INDICATED.

Taxpayer Identification	ation Number (T.I.N.)							
	er identification number in	Social Security No. (SSN)	Employer	ID No. (EIN)				
the appropriate bo this is your social	ox. For most individuals, security number.							
NAME								
ADDRESS								
CITY, STATE AND	ZIP CODE							
PAYMENT REMITT	ANCE ADDRESS, IF DI	FFERENT FROM THE ADDRES	S ABOVE					
ADDRESS								
CITY, STATE AND	ZIP CODE							
 (2) I am not subject to backup withholding because either: (A) I am exempt from backup withholding, or (B) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (C) the IRS has notified me that I am no longer subject to backup withholding. (3) I am a U.S. citizen or other U.S. person (as defined by the IRS). Certification Instructions You must cross out item (2) above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item (2) does not apply. 								
Please sign here ar	nd provide title, date and	l telephone number:						
SIGNATUREOriginal	l Signature Required (Digital	TITLESignature Not Acceptable)	DATE	TEL NO				
BUSINESS DESIGN	JATION:							
Please Check One:	Individual	Corporation	ate Governm	ent/Nonprofit Corporation				
	Partnership	Medical Services Corporation [Legal Ser	vices Corporation				
	LLC Tax Classification:	Single Member (Individual)] Partnership ☐	Corporation 🗌				
Partnership								
NAME: Be sure to et ADDRESS, CITY, S' 1) Same EIN with to which location th 2) Different EIN for	TATE AND ZIP CODE: If more than one location ne year-end tax information each different location ported for each EIN and re	you operate a business at more attach a list of location addresse on return should be mailed. submit a completed W-9 form fo	than one location, adhos with remittance addr	ere to the following: ess for each location and in				

Date Entered _____ Entered By

Vendor Registration Application

1. Owner Inform	ation (For Vei	ndor Registra	tion and Pa	ayments)					
Name:				RI Snow Re	moval				
Address:				123 Main S					
City/Town:		Anyto			Zip Code:		12345		
If vehicle(s) is/are	e owned by an	individual, yo	u must sup	ply the owner's S	Social Sec	urity Number (S	SSN):		
SSN:									
If vehicle(s) is/are	e owned by a c	ompany, you	must provi	de the Employer	Identificat	ion Number (El	N):		
EIN:				20-12345	67				
2. Contact Infor 24-Hour Emerger Other Contact Inf	ncy Telephone		estions and		Bob - (401) 641-5555			
Email Address						401) 734-5555			
Email Address				<u>B</u>	ob@plowe	pperator.com			
3. Vehicle Inforn	nation (For Re	egistration and	d Billing Us	e)					
Class Code Ma			Year	Registration	Accessory Codes		Ba	Base Hourly Rate	
40000		Mack	2005	91234	400	6000	\$	102.90	
10000		Ford	2008	9876	10	200	\$	62.48	
		S	EE FOLLO	OWING SHEET (I APPLICATION		FOR			
				understand and cument, entitled l				ctives	
Owner's Signatu	re:			9/10/20)/2017				
Notary Public: 「						Date:			
totaly rabilo.						Date.	9/10/20	17	
						Notary Public Owner's pe			

Vendor Registration Application

1. Owner Information (For Vendor Registration and Payments)								
Name:								
Address: City/Town:					Zin Cada:			
If vehicle(s) is/ar	e owned by an	individual vo	u must suni		Zip Code:		er (SSN):	
SSN:	o owned by an	marviadai, yo	a mast supp	ory the owner s	Oodiai Occi	anty Marriso	, (0011).	
If vehicle(s) is/ar	e owned by a c	ompany, you	must provid	le the Employer	dentificati	on Number	(EIN):	
EIN:								
2. Contact Infor 24-Hour Emerge Other Contact In	ncy Telephone		estions and	Storm Assignm	ents)			
Email Address:								
		J						
3. Vehicle Information (For Registration and Billing Use)								
Class Code Make			Year	Registration	Acc	essory Co	Base Hourly Rate	
							-	
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
By signing the contain	nis application, l ed in the attach	l certify that I led twelve (12	have read, !) page doc	understand and ument, entitled	agree to co Winter Vend	omply with dor Registi	any and all o	directives ials.
Owner's Signati	ure:					Date:		
Notary Public:						Date:		
							ublic acknow s personal	wledges the signature

CALIBRATION CHART (US)

Agency:												
Location:												
Truck No:					Spreader	No:	4.400					
Date:					By:		no.				un municipal de la company	
Gate Opening		ype Spreaders)	(inches)			DISCHAF	RGE RATE	(pounds o	discharged	per mile)		
	Α	В	С		Т	RAVEL SP	EED AND	COMPUTA	TION MUL	TIPLIER ()	
Control Setting	Shaft RPM (Loaded)	Discharge per Revolution (pounds)	Discharge per Minute (lb) (A xB)	5 mph (x 12.00)	10 mph (x 6.00)	15 mph (x 4.00)	20 mph (x 3.00)	25 mph (x 2.40)	30 mph (x 2.00)		40 mph (x 1.50)	45 mph (x 1.33)
11			-		-		-		-	-	-	-
2			ı,	-	_			-	_	_		**
3			-		_			-	_	-	_	-
4			-	_	~	-		_	-			-
5			_	-		-		-				_
6			~	n	_		-		_			
7			-	-			-			_		-
8							-		_	_		
9					1	_	-	-	-			-
10			_	-	-	-		-		-	-	
11			_	_	_		_		_	_	,	_

THE ACTUAL APPLICATION RATE (POUNDS PER LANE MILE) ON THE HIGHWAY IS THE DISCHARGE RATE DIVIDED BY THE NUMBER OF LANES BEING TREATED

SPREADER CALIBRATION PROCEDURE

Calibration is simply calculating the pounds per mile discharged for each control setting at various travel speeds by first counting the number of auger or conveyor shaft revolutions per minute, measuring the weight of salt discharged in one revolution, then multiply the two to obtain discharge per minute, and finally multiplying the discharge per minute by the time it takes to travel 1 mile. Most spreaders have multiple gate openings; so you must calibrate for specific gate openings.

Equipment needed:

- 1. Scale to weigh salt
- 2. Salt collection device
- 3. Marking device
- 4. Watch with second hand

Calibration steps:

- 1. Remove, by-pass or turn off spinner.
- 2. Warm truck's hydraulic oil to normal operating temperature with spreader system running.
- 3. Put partial load of salt on truck.
- 4. Mark shaft end of auger or conveyor.
- 5. Dump salt on auger.
- 6. Rev truck engine to operating RPM.
- 7. Count number of shaft revolutions per minute at each spreader control setting, record.
- 8. Collect salt discharged for one revolution, weight it and deduct the weight of the container. (For greater accuracy, collect salt for several revolutions and divide by that number of revolutions to get the weight for one revolution.)
- 9. Mulliply Column A by Column B to get Column C; then multiply Column C by the number of minutes to travel one mile () at various truck speeds to get pounds Discharged per mile.*

ALIGNATURA INTERNATIONAL INTERNATION

CALIBRATION OF AUTOMATIC CONTROLS

Automatic controls may be calibrated using the following steps:

- 1. Remove, by-pass or turn of spinner.
- 2. Set control on given number.
- 3. Tie sack or heavy canvas under spreader discharge area.
- 4. Mark specific distance on a highway or other paved area, such as 1000 ft. .
- 5. Drive that distance with spreader operating.
- 6. Weigh salt collected.
- 7. Multiply weight of salt by 5.28 (in case of 1000 ft.).

Answer will be salt discharged per mile which remains constant regardless of speed, but calibration must be done for each control setting. Some automatic control manufacturers have "simulators" which eliminate need for on-road operation for calibration.